KT&C, Inc.

STAND BEHIND OUR PRODUCTS

Part No.: KPC-BSP6300NU

700TVL Box Camera

- 700TVL Horizontal Resolution
- 2D Digital Noise Reduction (2D-DNR)
- C/CS Mount Lens
- True Mechanical Day & Night (ICR)
- Min. Illumination of 0.0001 Lux / Faceplate
- ATR / HLC / Privacy Masking / Motion Detection / Mirror
- Multi-Language OSD
- DC 12V / AC 24V Dual Power

Key Features

- 1/3” 960H Interline CCD
- 700TVL Horizontal Resolution
- True Day & Night (ICR)
- C/CS Mount Lens
- Fast Shutter Speed (1/60 ~ 1/100,000 sec)
- 2D Digital Noise Reduction (2D DNR)
- Adaptive Tone-curve Reproduction (ATR)
- Back Light Compensation (BLC)
- Highlight Compensation (HLC)
- 4-Zone Privacy Masking
- 4-Zone Motion Detection
- Mirror /Brightness / Contrast / Sharpness / HUE/ Gain
- On Screen Display (OSD) Menu W/ Multi Language Support
- DC 12V / AC 24V Dual Power
- Multi-Language OSD

Superior Image Resolution of 700 TV Lines

27% more effective pixel than previous generation of high resolution camera would bring up the quality of the image immensely. Experience the clarity of 700 TV Lines of resolution. It is ideal for discrete locations, transit industry, financial institutions and more. It would also be practical for both indoor and outdoor environments.

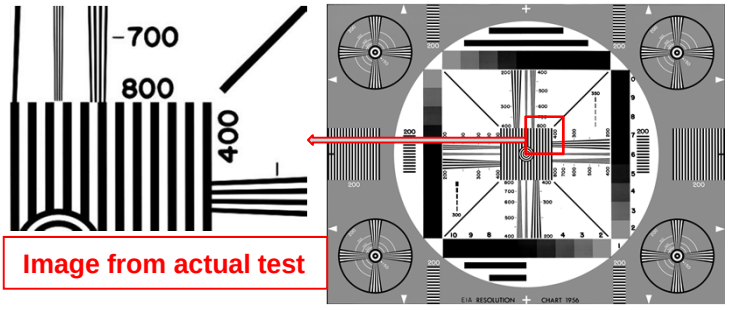

Image from actual test

ATR(Adaptive Tone-curve Reproduction)

KPC-BSP6300NU provides gradation compensation to improve the contrast of subjects where both low-luminance areas and high luminance areas coexist.

Conventional Camera

960H 700TVL Camera

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High Color Reproduction

KPC-BSP6300NU is equipped with more excellent color reproduction from wide range of ATW. (1,800K to 10,500K)

Color Chart
Under Halogen Lamp

Still Object under
Artificial Sunlight

Conventional BSP6300NU

Convenient OSD Menu

All camera operation can be controlled by OSD (On-Screen Display) menu on the monitor screen that users can adjust this camera for optimum setup with great convenience.

2D Digital Noise Reduction (2D DNR)

The amount of low luminance noise if remarkably reduced and signal-to-noise ratio (S/N) as well as horizontal resolution dramatically improved, it results in a clearer and sharper image display even in the dark lighting condition.

Conventional Camera

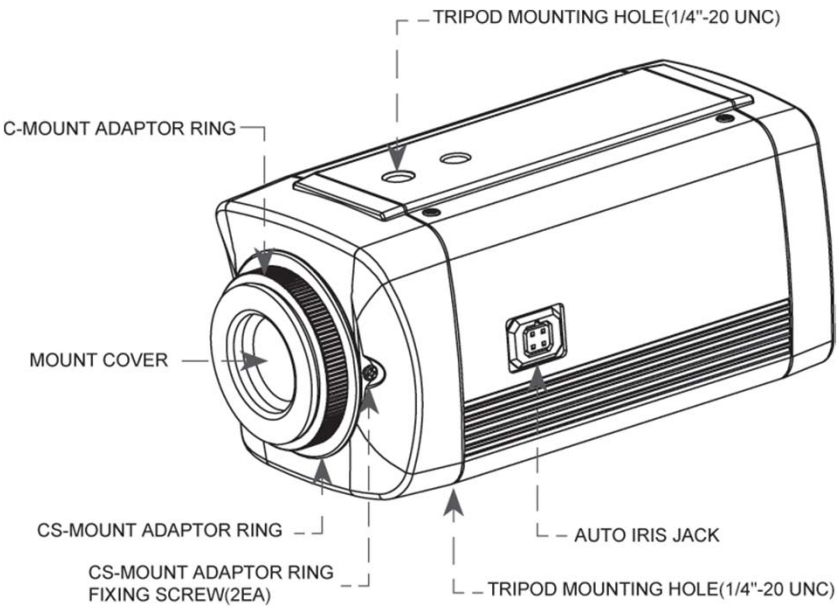
960H 700TVL Camera

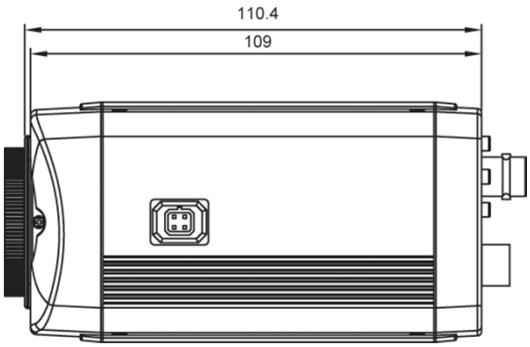
Privacy Image Masking

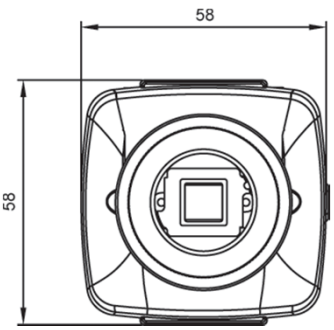
For the privacy protection in the open area observation, some particular area can be masked for privacy purposes. User can easily setup the masking sizes and positions of the desired zones. 4 privacy zones are available.

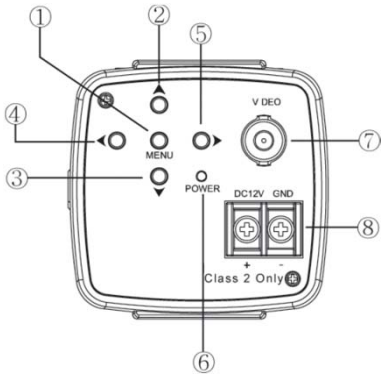
General Feature Diagram

(Unit: mm)









BACK

1 MENU/SET BUTTON
2 UP BUTTON
3 DOWN BUTTON
4 LEFT BUTTON
5 RIGHT BUTTON
6 POWER LED
(The LED turns on when power is supplied)

7 VIDEO OUT JACK
(Used to Connect an external Video Monitor in jack)
8 Power Terminal
(Use to connect an DC12V Power Source
(Option : AC24V/ DC12V)

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Part No.: KPC-BSP6300NU

Technical Specification

Model		BSP6300NU	
Signal System		NTSC	PAL
Image Sensor		1/3“ 960H Interline CCD	
Scanning System		2:1 Interlace	
Horizontal Resolution		700TV Lines	
Scanning Frequency (H)		15.734 KHz	15.625 KHZ
Scanning Frequency (V)		59.94 Hz	50 Hz
Total Pixels		1020(H) x 508(V)	1020H) x 596(V)
Effective Pixels		976(H) x 494(V)	976(H) x 582(V)
Synchronization		Internal	
Lens		C/CS Mount	
Lens Type		Manual/ DC	
S/N		More than 50dB (AGC Off)	
Gamma		r = 0.45	
Min. Illumination		0.0001 Lux / Faceplate	
Shutter Speed		1/60 ~ 1/100,000 sec	1/50 ~ 1/100,000 sec
Day & Night		True Mechanical Day & Night (ICR)	
Day & Night Function		Auto/Color/BW	
Video Output Level		1Vp-p Composite (75Ω)	
Function	On-Screen Display (OSD)	Built-in	
	BLC	Off / BLC / HLC	
	2DNR	On / OFF (Level Adjustable)	
	ATR	On / OFF (Level Adjustable)	
	White Balance	ATW / Push / User1 / User2 / Anti CR / Manual / Push-lock	
	Privacy Masking	4 Zones	
	Mirror	On / Off	
	Motion Detection	4 Zones	
	Other Function	Brightness / Contrast / Sharpness / HUE / Gain	
	Language Option	English / Japanese / German / French / Russian / Portuguese / Spanish	
Operating Temperature		-10 ˚C ~ 50 ˚C (14 ˚F ~ 122 ˚F)	
Storage Temperature		-20 ˚C ~ 60 ˚C (-4 ˚F ~ 140 ˚F)	
Humidity		Less than 80%RH	
Power Supply		DC 12V ±10% (Max. 180mA) / AC 24V ±10% (Max. 2.9W)	

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Last updated 2/21/2012

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